Public Department.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

D. O. from Mr. M. R. Weld, Ag. Collector and Magistrate of Kistna, Masulipatam dated 30th December 1885.

---

Order thereon 16th January 1886 No. 104 Ms.

The following extract from the letter read above will be communicated to the Master Attendant and the Public Works Department:-

+ \+ \+ \+ \+ \+ \+ \+ \+ \+ \+

" About the port of this district. Canals are being opened into the uppateru on the Godavari frontier from both districts, those of this district go in (1) at Tadinād about 8 miles below the Colair and (2) at Laxmipuram 2 or 3 miles from the mouth. The 1st is finished all but the tidal lock and will be opened next year. 2 has 7 or 8 miles only dug and wont be open for some time. They will give direct routes from here, via Pamarru junction and Kowteram. 1 to Rajamundry and 2 to Coconada. The upater

now

now almost unknown, will become a great highway of commerce, it is a deep clear river, the water having dropped its silt in the Colair and the canals and will not silt up, the tide runs right up to the Colair some 27 miles and the issue from the Colair is 15 feet deep. off the mouth the 4 fathom line comes within a mile of the shore. I asked Mr Allen Assistant Engineer D.P.W. to take the occasion of his going to the place to observe and give me a description of the mouth and bar; he says in the river the depth is great, 30 feet or so, the bar is only 15 feet or so thick and has on it 6 feet at low and 9 feet at high tides, and that big boats enter. The tides must give a good sweep and scour in such a river with 27 miles of flow and I think that a no very great expenditure on groynes ought to accomplish the sweeping away of that bar altogether. Produce could be conveniently brought to it by canal from all parts of both districts. I had not been down this side and did not know of this when I answered your (or rather

rather Mr Webster's) circular No 1471 of the 18th August calling for a list of improvements likely to be made in the District in the next 6 years. I would suggest that Colonel Shaw-Stewart and Captain Taylor might be asked to look at this river mouth when they come up the coast in January."

(True Extract)

J. D. Rees.
Under Secretary

To

The Master Attendant
" Public Works Department.

[ Ref. / 4 ]

15,000—18-5-03.

DEPARTMENT.

## Paper taken out of the Records from the charge of the Referencer.

~~Press~~
Miscellaneous No. 1193 , dated 11-5- 190
~~Routine~~

| Date taken out. | For what purpose. | | | Initials of clerk taking the paper or of attendar. | Date returned. | Initials of attender. |
|---|---|---|---|---|---|---|
| | Department. | C. No. | Year. | | | |
| 1-12-03 | P.W.D. | 1188/ | 03 | | 6/6/04 | G.W. |

[illegible] 408

Govt. of }188 } Madras

To

The P.W. Dept

18 JAN 86

Recd 18/1/86

Proceedings, dated 16/1/1886
No. 104 Mr

*Subject.*

Forwarding extract from Mr Weld's letter d/30 Dec/85

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This paper must stand over until opportunity occurs for inspecting the locality to which Mr. Weld alludes.

Ll.
22.2.86

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No. 722, Public.

OF MADRAS.

ARTMENT.

o. 307, Public.

D, Esq., Acting Collector of Kistna, to
ed Masulipatam, 22nd January 1886,

nt, dated 23rd March 1875, No. 1913,
April 1875, regarding a port for this
k, it is highly probable that the best
which runs from the Kolér lake to the
Godávari district.

s north of Masulipatam.

way of traffic, but canals are being
on will be a great highway.

on the Bezváda-Bandar canal, 16 miles from
there is a canal to Cowtaram, 7 miles to the
e called the Pólraz, which goes into the Upatér
it from the Kolér, and the other called the
patér at Lakshmipuram, 2 or 3 miles from its
odávari system, will supply direct routes, one,
; the second, between Bandar and Cocanada.
ock at Tadinada and will be open next year,
ears.

lake lie in the hollow between the two great
vari deltas, and the river is deep throughout
ance of some 27 miles. At the exit from the
g in November about 6 miles an hour; the
river will not silt up quickly. Mr. Allen, of
asked to look at the mouth for me when he
; that the bar is very thin, only 15 feet thick;
ides and 9 at high; and that inside the river is

ng boats like those used at Masula. The
ore, and Point Narsapur shelters the roads
l come there easily by canal from all parts of

very great expenditure groins could be built
e river mouth a port which steamers could

e when you come up the coast this year. I
all be away in Vinukonda taluk doing jama-

408

L.O. until W goes on tour to the north.

Cu

22-2-86

6, No. 722, Public.

ENT OF MADRAS.

DEPARTMENT.

(15)

, Mis. No. 307, Public.

R. WELD, Esq., Acting Collector of Kistna, to
.dras, dated Masulipatam, 22nd January 1886,

Government, dated 23rd March 1875, No. 1913,
f the 2nd April 1875, regarding a port for this
hat, I think, it is highly probable that the best
salt river, which runs from the Kolér lake to the
is and the Godávari district.

bout 30 miles north of Masulipatam.

n out of the way of traffic, but canals are being
d it soon will be a great highway.

4. There is a place called Pamaru on the Bezváda-Bandar canal, 16 miles from Bandar and 32 from Bezváda. Thence there is a canal to Cowtaram, 7 miles to the east. Thence two canals branch off, one called the Pólraz, which goes into the Upatér at Tadinada, 5 or 6 miles below its exit from the Kolér, and the other called the Buntumilli canal, which will join the Upatér at Lakshmipuram, 2 or 3 miles from its mouth. These, with canals from the Godávari system, will supply direct routes, one, first, between Bandar and Rajahmundry; the second, between Bandar and Cocanada. The first is complete all but the tidal lock at Tadinada and will be open next year, the second will not be ready for some years.

5. The Upatér river and the Kolér lake lie in the hollow between the two great mud heaps forming the Kistna and Godávari deltas, and the river is deep throughout and is tidal right up to the Kolér, a distance of some 27 miles. At the exit from the Kolér, it is 15 feet deep and was running in November about 6 miles an hour; the water is clear as filtered water. Such a river will not silt up quickly. Mr. Allen, of the Public Works Department, whom I asked to look at the mouth for me when he visited it, tells me that big ships come in; that the bar is very thin, only 15 feet thick; that there is 6 feet of water in it at low tides and 9 at high; and that inside the river is over 20 feet deep.

6. Such a river would do for sailing boats like those used at Masula. The 4-fathom line is within a mile of the shore, and Point Narsapur shelters the roads from the north-east monsoon. Goods will come there easily by canal from all parts of both districts.

7. But further I think that by a no very great expenditure groins could be built so as to sweep away the bar and render the river mouth a port which steamers could enter.

8. May I ask you to look at the place when you come up the coast this year. I would gladly go with you, but I fear I shall be away in Vinukonda taluk doing jamabundy at the time of your visit.

5th April 1886, No. 722, Public.

## GOVERNMENT OF MADRAS.

## PUBLIC DEPARTMENT.

Read—again the following paper :—

G.O., dated 11th February 1886, Mis. No. 307, Public.

*Read*—the following letter from M. R. WELD, Esq., Acting Collector of Kistna, to the Master Attendant, Madras, dated Masulipatam, 22nd January 1886, No. 272 :—

With reference to your letter to Government, dated 23rd March 1875, No. 1913, embodied in G.O., No. 128, M.D., of the 2nd April 1875, regarding a port for this district, I have the honor to state that, I think, it is highly probable that the best place is the mouth of the Upatér or salt river, which runs from the Kolér lake to the sea forming the boundary between this and the Godávari district.

2. The mouth of this river is about 30 miles north of Masulipatam.

3. This river has hitherto been out of the way of traffic, but canals are being opened into it from both districts, and it soon will be a great highway.

4. There is a place called Pamaru on the Bezváda-Bandar canal, 16 miles from Bandar and 32 from Bezváda. Thence there is a canal to Cowtaram, 7 miles to the east. Thence two canals branch off, one called the Pólraz, which goes into the Upatér at Tadinada, 5 or 6 miles below its exit from the Kolér, and the other called the Buntumilli canal, which will join the Upatér at Lakshmipuram, 2 or 3 miles from its mouth. These, with canals from the Godávari system, will supply direct routes, one, first, between Bandar and Rajahmundry ; the second, between Bandar and Cocanada. The first is complete all but the tidal lock at Tadinada and will be open next year, the second will not be ready for some years.

5. The Upatér river and the Kolér lake lie in the hollow between the two great mud heaps forming the Kistna and Godávari deltas, and the river is deep throughout and is tidal right up to the Kolér, a distance of some 27 miles. At the exit from the Kolér, it is 15 feet deep and was running in November about 6 miles an hour ; the water is clear as filtered water. Such a river will not silt up quickly. Mr. Allen, of the Public Works Department, whom I asked to look at the mouth for me when he visited it, tells me that big ships come in ; that the bar is very thin, only 15 feet thick ; that there is 6 feet of water in it at low tides and 9 at high ; and that inside the river is over 20 feet deep.

6. Such a river would do for sailing boats like those used at Masula. The 4-fathom line is within a mile of the shore, and Point Narsapur shelters the roads from the north-east monsoon. Goods will come there easily by canal from all parts of both districts.

7. But further I think that by a no very great expenditure groins could be built so as to sweep away the bar and render the river mouth a port which steamers could enter.

8. May I ask you to look at the place when you come up the coast this year. I would gladly go with you, but I fear I shall be away in Vinukonda taluk doing jamabundy at the time of your visit.

No. 273.

Endorsement on the above.

Submitted to Government in continuation of my No. 3365 of the 6th October last, in answer to their circular, No. 1471, dated 18th August last, calling for a list of improvements which might be made in the district within the next six years.

Masulipatam, (Signed) B. RAJA RAO, Deputy Collr.,
22nd *January* 1886. for *Acting Collector*.

To the Chief Secretary to Government, Public Department.

*Order*—dated 11th February 1886, Mis. No. 307, Public.

The Government would be glad if the Master Attendant could inspect the place and report upon the suggestion of the Acting Collector.

(True Extract.)

(Signed) W. WILSON,
*Acting Chief Secretary.*

To the Master Attendant, Madras.
,, Collector of Kistna.

Read—also the following paper :—

From J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, to the Chief Secretary to Government, dated Madras, 4th March 1886, No. 1910.

Administrative Department.

With reference to the Proceedings of Government, Mis. No. 307, dated 11th February last, I have the honor to reply that owing to the failure of the steamer *Madras* and the inability of the Government of India to furnish a vessel for inspection, I fear no inspection of the port of Perupalem is possible this season; however in the year 1880 I entered closely into the very question and made inquiries into the particulars of the trade, &c., and I forward herewith copy of a petition sent me by the inhabitants. It seems the town, which once enjoyed large trade, is placed on one bank of the river in the Kistna district, and the other opposite in the Godávari. It seemed probable that such direct proximity might lead to evasion of foreshore rights and dues, or necessitate a double staff. The river is like all others on the coast troubled with a bar, and consequent difficulty to trade; but if the improvement of the canal system brings it into a forward position, as Mr. Weld anticipates, the objections formerly raised might easily be overcome, and the port placed on the same footing as other small ones in the presidency, the official in charge drawing a percentage on dues, &c., as is done in the other cases.

Order—dated 5th April 1886, No. 722, Public.

Communicated to the Public Works Department in continuation of G.O., Mis. No. 109, dated 18th January 1886.

(True Extract.)

+ 6612 3/15/4/86 [illegible] 1019 [illegible] 1323C
put up [illegible] 7/3/4/86 confidential.

for Chief Secretary.

To the Public Works Department.
,, Revenue Department.
,, Master Attendant, Madras.
,, Collector of Kistna.

Exd. T. O'Connor.

Public 1016 C. 18. 2. 86
" 1343 C. 2. 4. 86

~~Returned to [illegible]~~

~~The Public Dept will be informed in con-tinuation of this Dept memo No 1343 C dy 2nd April 1886~~ ~~write~~ ~~a [illegible]~~ ~~that no information is avail-able on the subject of opening a port at Perupalem in the Kistna Dt.~~

9/5/86

To
The Public Dept

Q.Y.S. 12/5.

G-3-5-86 R. 11-5-86

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Public 3058 ✓

# Govt. of {1886} Madras.

PUBLIC.

8 S.C.

*Issued*

*Recd.* 20/4/86 *Encl.*

G.O., 5th April 1886, No. 722.

APRIL.

## Improvements of Districts.

Communicating to the Public Works Department certain papers respecting the opening of a port at Perupalem in the Kistna district.

---

Cus 3058.

To W

The reply drafted on this paper does not seem in any way called for.

Please see the paper marked "L.O. No 2," on the same subject.

The latter paper was apparently sent to P.W.D. in view to the E.W. in-specting the locality mentioned by the Weld, when an opportunity offers, & it was marked by you to stand over until such opportunity occurs.

The Cons in the printed Pro. of 5.4.86 has no doubt been sent for information in connection with the said paper —

The subject is apparently ~~now~~ disposed formation of for the present. — ✓

Lew 11/5 ✓

Cu

---

194 W.

PUBLIC WORKS DEPARTMENT.

THE MADRAS GOVERNMENT.

UNDER date the 11th May 1886

READ the following

— No 104 Mis dy 16. 1. 86.
— " 722 dy 5. 4. 86.

Recorded.

7.5.86

10/5/86

No 661 C. 18.2.86
" 1343 C. 2.4.86

~~Returned to the~~

The Public Dept. will be informed in continuation of this Dept. memo No 1343 C dy 2nd April 1886 ~~with a view~~ that no information is available on the subject of opening a port at [illegible] on the Defence Dept.

9/5/86

To
The Public Dept.
A.Y.S. 12/5.
Q-3-5-86 R. 11-5-86

---

by the Master Attendant's letter of 4.3.86. No 1910 in the printed Pros.

Submitted that both papers may now be "recorded", copies of the printed paper being sent to E. I. & S. E. II.

In the event of your proceeding to the North at any time, the file can be put up with the other papers to be taken on tour.

7.5.86

Ch
7.5.86

R. 11-5-86

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No. 1194 W.

PUBLIC WORKS DEPARTMENT.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 11th May 1886

READ the following

Pros. Public Dept No 104 mis of 16. 1. 86.
— do — " 722 of 5. 4. 86.

Recorded.

7.5.86

10/5/86

11/5

S. E. II Circle, for information
Ch. E. for I. — do —

Ch

No 661 C. 18. 2. 86

1

~~32/4~~

No. 1194 Wd/ 11th May 1886

Public Works Departt.

No. 1549 C. dated 21st August 1882

## Circular Memo:

The Chief Engineer has the honor to invite the attention of Superintending Engineers to the delays which occur in submitting demands on the Reserve — and to request that they will favour him with any suggestions they may be able to make with a view to diminishing these delays and loss of valuable working time.

2. It is under the existing system frequently impossible to issue orders assigning funds for incomplete works of the past year, until an advanced period in the year following.

3. A period of six weeks after the closing of the official year should it is considered suffice for preparation of the required Statements in the Superintending Engineers offices, and this would admit of the orders of Government issuing by the 1st of June.

4. Booked outlay though desirable is not nearly so essential as promptitude in making the yearly assignments. A months delay is a month lost for all new minor works, and the Chief Engineer is most anxious that as far as practicable such loss should be prevented.

5. The Code rules prescribe that Superintending Engineers are to submit before the end of March, Statements for their requirements in the ensuing year for incomplete works Major or Minor.

6. The Progress Reports due with Superintending Engineers on 10th and 15th of March would show Booked Outlay only to end of January — but in the reports submitted in March Executive Engineers could note the probable further outlay during the financial year then current as also the amount estimated for completing the works in the ensuing year.

7.

7. It is thought that with this information Superintending Engineers could by 1st April send their own requisitions forward to Government with tolerably reliable figures sufficient at all events for all practical purposes and a good deal of delay might thus be avoided.

8. Even if Superintending Engineers desired further information upon the reports sent in by Executive Engineers there would be ample time to obtain it and Submit their own Statements by 1st May —— orders could then be easily passed by 1st June.

(By order)

Rose Thompson
Lieut. Col. R.E.
Ag. Dy: Chief Engineer
P.W.D.

To

Supg: Engineers.
Cong: Archt. to Govt.
Examiner P.W. Accounts.

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PUBLIC WORKS DEPARTMENT

No.126 C, dated 13th. January 1883.

### Memorandum.

From the Suptg.Engr. First Circle, H.E.No.299 G.L. dated 21st. September 1882.
Do......Do......Second ..."......"...260 G.L. dated 7th.Octr.
Do......Do......Third ..."......"- 1189 dated 3rd.....Do..
Do......Do......Fourth..."......"..393 dated 11th. Septr.
Do......Do......Fifth..."......"..2319 dated 25th....Do..
Do......Do......Sixth..."......"..1082 T.J.18th......Do...
From the Cong.Archt.to Govt...".....".....435 dated 7th......Do...
Office Note from the Examr.P.W.Accts....625 dated 27th.Octr.Do.

Replies having been received from Superintending Engineers to this office Circular Memo.No.1549 C dated 21st.August 1882 the following instructions are now issued for the preparation and submission of the Statement of demands on the Reserve.

The Statement should be divided into the following heads.

(1) Incomplete Major works for which grants are required, in detail.

(2) Incomplete Minor works for which funds are necessary, in detail.

(3) Minor works grant for anticipated outlay during the year

(4) Repair.........Do..........Do.............Do.

(5) Tools and Plant..............Do.............Do.

(6) Establishment Temporary- in detail.

The demands under each Fund being shown separately.

No 12 SC 12/1/13

2. The Statement should be submitted within six weeks after the close of the official year, and to admit of this being done, Superintending Engineers should obtain by the 15th. April the Divisional Progress Reports for March containing information as to audited outlay to end of January; adjusted outlay for February; and the outlay for March as recorded in the cash and other books maintained in the Division. The total outlay for the year thus obtained would be nearly correct, and sufficiently so to fix the probable grant for the ensuing year. If the Divisional statements of demands are received in Superintending Engineers Offices by the prescribed date, there will be sufficient time for the compilation and scrutiny of the demands, before submitting the Circle Statements.

(By Order)

CCDawson Captain R.E.

Ag. Dy. Chief Engineer P.W.D.

To

Superintending Engineers.

Cong. Archt. to Govt.

Exr. P W. Accounts.

Genl. Supt. P. W. Stores.

Bc No 1396 W 15·6·85
" 1655 W 15·7·85
" 1827 W 6·8·85
" 2132 W 12·9·85
" 2395 W 13·10·85
" 2913 W 7·12·85
" 28 W 5·1·86
" 600 W 6·3·86
" 916 W 3·4·86

Ex 6/5/86

No 1125 W d/12th May 1886

Comd. to officers concerned.

6/5/86

J. M. H. Wordo
Exr. P. W. A. 7·5·86

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1396 w 15·6·85
1655 w 15·7·85
1827 w 6·8·85
2132 w 12·9·85
2395 w 13·10·85
2736 w 14·11·85
2913 w 7·12·85
28 w 5·1·86
298 w 3·2·86
600 w 6·3·86

B

Comd. to officers concerned.

31/3/86

J. M. H. Wordo
Exr. P. W. A.

31·3·86

STATEMENT OF PAYMENTS made in ENGLAND on account of STORES and FREIGHT – Madras Harbour Works – and of INVOICES despatched to INDIA, during the Month of March 1886, showing the BALANCE OF EXPENDITURE uninvoiced at the commencement and close of the Month.

ABSTRACT OF PAYMENTS.

| Date of Payment. | To whom paid. | Particulars. | No. and Date of Indent. | Amount. | Ship's Name. |
|---|---|---|---|---|---|
| Balance of Expenditure uninvoiced on 28th February 1886 | | | | | |
| 1885 Oct 9 | Paymaster General | Making Internal bindings to Blocks &c. | P.W. 17.10.84 | 2 7 3 | |
| 1886 Jany 31 | Nobes, Homan, Hunt | Leather laces | P.W. 15.10.85 | 3 . | |
| Feby 1 | " | " | " | 10 2 | |
| | | | | 3 . 5 | |
| March 6 | Burys & Barron | Portland Cement | " 6 { | 7 13 7 | Elginshire |
| | " | " | " | 287 18 11 | " |
| 8 | Stothert & Pitt | Fire bars for boilers | " 4 | 80 10 – | Bokhara |
| 9 | A Cox | Screws | " | 7 2 11 | |
| 10 | G Bailey Toms & Co | 6 Sets Switches | " 9 | 95 5 . | Khedive |
| 11 | Brown Lenox & Co | Iron Blocks | " | 5 11 . | |
| | H.R. Marsden | Jaws &c, for Stonebreaking Machines | 8 | 79 3 9 | Khedive |
| 12 | Siebe, Gorman & Co | Diving Dresses | P.W. 4.11.85 2 | 34 4 – | Nuddea |
| 15 | Buck & Hickman | Spanners | P.W. 15.10.85 | 3 1 6 | |
| 2 | Gellatly, Hankey & Co | Freight | 1 | 218 5 7 | Navarino |
| 18 | " | " | | 327 8 5 | Nuddea |
| 22 | McDiarmid & Co | " | 3 } | 2 5 | " |
| 29 | Coombe Bros & Co | " | 5 | 5 . 6 | Bokhara |
| . | Gellatly Hankey & Co | " | 7 | 120 . 9 | Elginshire |
| 19 | Burys Barron | Portland Cement | 11 { | 62 14 2 | } Rewa |
| 25 | " | " | | 653 19 2 | |
| 31 | Gellatly Hankey & Co | Freight | 10 | 187 1 11 | Duke of Buccleuch |
| Balance Invoiced but not paid for on 31st March 1886 | | | | 302 5 7 | |
| | | | | £ 2480 9 7 | |

Total Debit for the Month £ 2175 : 3 : 7

ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | Amount. |
|---|---|---|---|
| Balance Invoiced but not paid for on 28th February 1886 | | | |
| 1886 Feby 12 | Navarino | Freight 1 | 218 5 7 |
| 19 | Duke of Buccleuch | " 10 | 187 1 11 |
| 26 | Nuddea | Diving dresses £ 34 : 4 : – 2<br>Freight 327 : 10 : 10 3 | 361 14 10 |
| | | | 767 2 4 |
| March 12 | Bokhara | Fire bars for boilers £ 80 : 10 : – 4<br>Freight 5 : – : 6 5 | 85 10 6 |
| | Elginshire | Portland Cement £ 295 : 12 : 6 6<br>Freight 120 : – : 9 7 | 415 13 3 |
| 19 | Khedive | Jaws &c for Stone Crushing Machine £ 79 : 3 : 9 8<br>Freight Crossings 95 : 5 : – 9<br>Packing Freight 11 : 4 : 9 | 185 13 6 |
| 26 | Rewa | Portland Cement £ 716 : 13 : 4 11<br>Freight 291 : – : 10 | 1007 14 2 |
| Balance of Expenditure uninvoiced on 31st March 1886 | | | 18 15 10 |
| | | | £ 2480 9 7 |

Accountant General

India Office
16th April 1886

N.W.
W.G.

Madras Harbour Works.

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of March 1886.

A Y 8025. 5 rms.—3/85. I. 2640.

1396 w 15. 6. 85
1655 w 15. 7. 85
1827 w 6. 8. 85
2132 w 12. 9. 85
2395 w 13. 10. 85
2736 w 14. 11. 85
2913 w 7. 12. 85
28 w 5. 1. 86
298 w 3. 2. 86
600 w 6. 3. 86

B

Comd. to officers concerned.

31/3/86

De
3/4

J. M. H. Woods.
Secr. P. W. A.

31/3/86

ld1674

Madras Harbour Works.

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of March 1886.

A Y 8023. 5 rms.—3/85. I. 2640.

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Madras Harbour Works

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of April 1885.

Ya 6882. 4 rms.—5/84. I. 282.

Statement of Payments made in England on account of Stores and Freight – Madras Harbour Works
and of Invoices despatched to India, during the Month of April 1885, s the Balance of Expenditure uninvoiced at the commencement and close of the Month.

## ABSTRACT OF PAYMENTS.

| te of Payment. | To whom paid. | Particulars. | No. and Date of Indem | Amount. | Ship's Name. |
|---|---|---|---|---|---|
| | Balance of Expenditure uninvoiced on 31st March 1885 - | | P.W. 17.10.84 | 2 1 5 | |
| 1885 March 11 | Goldsworthy & Sons | Emery & Emery Cloth | | 18 15 . | |
| 16 | Hepburn & Gale | Leather Belting | | 137 10 . | Cormorant |
| 30 | Robins & Co. | Portland Cement | | 4 3 4 | |
| | Swift, Frank & Son | Turpentine | | | |
| | | | | 162 9 9 | |
| April 1 | Negretti & Zambra | Gauge Glasses | | 1 5 6 | Tasmania |
| 7 | India Rubber &c Co. | India rubber Sheet | | 10 3 – | |
| | Cheskman & Co. | Measuring tapes | | 5 2 6 | |
| 15 | Leach Flower & Co. | Tin Sheets | | 14 9 | |
| 17 | Robins & Co. | Portland Cement | | 962 10 – | Cormorant |
| 20 | Nelson Dock Co. | Boat Oars | | 16 15 . | |
| 16 | Gellatly Hankey & Co. | Freight | | 158 8 1 | India |
| | | | | 490 5 10 | Cormorant |
| 24 | | | | 481 5 . | Rewa |
| 28 | Robins & Co. | Portland Cement | | | |
| | Packing Charges | | | . 8 10 | |
| | Balance invoiced but not paid for on 30 April 1885 - | | | 422 14 5 | |
| | | | | 2.712 2 8 | |

Debit for the Month £ 2126.18.6

India Office.
15th May 1885
A.C.W.
W.G.

## ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | | Amount. |
|---|---|---|---|---|
| Balance Invoiced but not paid for on 31st March 1885 - | | | | |
| 1885 March 27 | India | Iron Claw for lifting Concrete blocks<br>Freight | £ 70<br>158. 8. 1 | 228 8 1 |
| | | | | 228 8 1 |
| April 10 | Cormorant | Portland Cement<br>Freight | £ 1100 2<br>490. 5. 10 3 | 1590 5 10 |
| 17 | Tasmania | India rubber sheet<br>Gauge glasses<br>Measuring tapes<br>Diving Dresses &c.<br>Freight<br>Packing | £ 10: 3: – 4<br>1: 5: 6 5<br>5: 2: 6 6<br>137: 9: 3<br>–: 16: 2<br>–: 8: 10 7 | 155 4 3 |
| 24 | Rewa | Portland Cement<br>Freight | £ 481. 5. – 8<br>214. 10. – | 695 15 . |
| Balance of Expenditure uninvoiced on 30 April 1885 - | | | | 42 9 6 |
| | | | | £ 2712 2 8 |

Accountant General.

B. No 3014 W. 8. 12. 84
" 265 W. 4. 2. 85.
" 478 W. 2. 3. 85.
" 1126 W. 13. 5. 85.

(3)

Ent 4/6/85

Vide (3014 W 2

No. 1396 W of 15th June/85

Communicated to
Officers concerned

Cl
5. 6. 85

W.J.
4/6.85

15/6

Supt. M.H.W.
Exaur. P.W.A.

Py. S. 17/6.

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Madras Harbour Works

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of May 1885

A Y 3025. 5 rms.—3/85. I. 2640.

STATEMENT OF PAYMENTS made in ENGLAND on account of STORES and FREIGHT – Madras Harbour Works –
and of INVOICES despatched to INDIA, during the Month of May 1885, showing the BALANCE of EXPENDITURE uninvoiced at the commencement and close of the Month.

ABSTRACT OF PAYMENTS.

| Date of Payment. | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|
| | | Balance of Expenditure uninvoiced on 30th April 1885 | | | | |
| 1885 March 11 | Goldsworthy & Sons | Emery & emery cloth | R.W. 17.10.84 | 5 | 2 1 5 | Avocet |
| 16 | Hepburn & Gale | Leather belting | 〃 | | 18 15 . | |
| 31 | Lovett Frank & Sons | Turpentine | 〃 | 4 | 4 3 4 | Avocet |
| April 15 | Leach Flower & Co | Tin sheets | 〃 | | 1 4 9 | |
| 20 | Nelson Dock Co | Boat oars | 〃 | 6 | 16 15 . | Avocet |
| | | | | | 42 9 6 | |
| May 6 | Tangye's Limd | Jim crows | 〃 | 7 | 22 . . | 〃 |
| 8 | Siebe Gorman & Co | Diving dresses &c | 〃 | 1 | 137 9 3 | Tasmania |
| 11 | Hawks Crawshay & Sons | Crane chain | 〃 | 8+11 | 12 16 8 | Avocet |
| 5 | Escombe Bros | Freight | | 2 | 15 2 | Tasmania |
| 8 | Gellatly & Co | 〃 | | 3 | 21 4 10 . | Rewa |
| 20 | Gosman & Smith | 〃 | | 9 | 1 19 . | Avocet |
| 27 | Howell & Co. | Cast steel | 〃 | | 1 12 . | |
| | | Packing Charges | | 10 | 1 13 1 | |
| | | Balance invoiced but not paid for on 31 May 1885 | | | 70 . . | |
| | | | £ | | 505 4 8 | |

Debit for the month £ 392 : 15 : 2

India Office
12 June 1885.
HR

ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | | | Amount. |
|---|---|---|---|---|---|
| | | Balance Invoiced but not paid for on 30th April 1885. | | | |
| 1885 March 27 | India | Iron claw | | | 70 . . |
| April 17 | Tasmania | Diving dresses &c.<br>Freight | £137 : 9 : 3<br>15 . 2 | 1<br>2 | 138 4 5 |
| 24 | Rewa | 〃 | | 3 | 214 10 . |
| | | | | | 422 14 5 |
| May 1 | Avocet | Turpentine<br>Emery cloth & powder<br>Boat oars<br>Jim Crows<br>Chain iron<br>Freight<br>Packing | £ 4 : 3 : 4<br>2 . 1 . 5<br>16 . 15 . –<br>22 . – . –<br>13 : 2 : 10<br>1 : 19 : –<br>1 : 13 : 1 | 4<br>5<br>6<br>7<br>8<br>9<br>10 | 61 14 8 |
| 22 | 〃 | (Corr.) Chain iron overinvoiced | | 11 | 6 2 |
| | | Balance of Expenditure uninvoiced on 31 May 1885. | | | 21 1 9 |
| | | £ | | | 505 4 8 |

Accountant General.

B. No 1396 W. 15.6.88.

Inc 43904 ✓

(3)

No. 1655 Wd/ 15th July, 1885

Communicated to Officers concerned.

CB.
6.7.85

7.7.85

Supdt M.H.W. ✓
Examiner P.W.A. ✓

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## Madras Harbour Works

STATEMENT of PAYMENTS made in ENGLAND on account of STORES and FREIGHT, and of INVOICES despatched to INDIA, during the Month of June 1885

A Y 8025. 5 rms.—3/85. I. 2640.

STATEMENT OF PAYMENTS made in ENGLAND on account of STORES and FREIGHT – *Madras Harbour Works*

and of INVOICES despatched to INDIA, during the Month of *June* 1885, showing the BALANCE OF EXPENDITURE uninvoiced at the commencement and close of the Month.

ABSTRACT OF PAYMENTS.

| Date of Payment. | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|
| | Balance of Expenditure uninvoiced on 31st May 1885 | | | | | |
| 1885 March 16 | Hepburn & Gale | Leather belting | P.W. 17.10.84 | 11 | 18 15 . | Chusan |
| April 15 | Leach Flower & Co. | Tin sheets | " | 10 | 14 9 | " |
| May 27 | Howell & Co. | Cast Steel | " | 6 | 1 12 . | " |
| | | | | | 21 1 9 | |
| June 3 | J. Brown & Co. | Steel tyres | " | 12 | 33 | Chusan |
| | Sir J. Whitworth & Co. | Stocks & dies | " | 8 | 15 | " |
| 6 | Patent Nut & Bolt Co. | Fishbolts | " | 2 { | 61 13 7 | } Helmsley |
| | " | Spikes for Rails | " | | 117 7 2 | |
| 8 | Bolckow Vaughan & Co. | Steel Rails | " | | 1.758 9 11 | { Pelican £1758.15.7¼<br>" Conf – 5.8¼ |
| 11 | G. Bailey Sons & Co. | " & fishplates | " | 1 | 1.408 4 7 | Helmsley |
| 13 | DeBergue & Co. | 2 Rail lifters | " | 9 | 6 | Chusan |
| | Tangyes Ld | Pump complete | " | 7 { | 46 14 . | " |
| | " | Screw jacks &c. | " | | 49 11 6 | " |
| | Troughton & Simms | Transit theodolite | " | | 45 | |
| 16 | J. & E. Wright | Rope | " | | 19 1 11 | |
| | J. Brown & Co. | Steel tyres | " | | 33 | |
| 5 | T. S. Hudson | Freight | | 3 | 207 16 3 | Helmsley |
| 18 | J. & R. Grant | " | | 5 | 189 16 7 | Pelican |
| 20 | Buck & Hickman | Augers, hammers &c. | " | | 21 14 6 | |
| 25 | J. & W. Almond | Leathers for Pistons | " | | 13 10 . | |
| | Packing Charges | | | 13 | 3 10 2 | |
| | Balance Invoiced but not paid for on 30th June 1885 | | | | 148 5 11 | |
| | | | | | £4196 17 10 | |

Total Debit for the Month £4027 : 10 : 2

ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | | Amount. |
|---|---|---|---|---|
| Balance Invoiced but not paid for on 31st May 1885 | | | | |
| 1885 May 27 | India | Iron Claw | | 70 . . |
| | | | | 70 . . |
| June 5 | Helmsley | Steel Rails & fishplates<br>Spikes & fishbolts<br>Freight | £1408 : 4 : 7 1<br>179 : – : 9 2<br>207 : 16 : 3 3 | 1.795 7 7 |
| | Pelican | 1 Boiler & set of spare firebars & bo<br>Steel Rails & fishplates<br>Freight | <br>£1758 . 15 : 7 4<br>189 : 16 : 7 5 | 2006 12 2 |
| 12 | Chusan | Steel<br>Pump & screw jacks<br>Stocks & dies<br>Rails Lifters<br>Boiler tester<br>Tin Sheets<br>Leather Belting<br>Wheel tyres<br>Electric Lamp & battery<br>Freight<br>Packing | £ 1 . 12 – 6<br>96 : 5 . 6 7<br>15 8<br>6 9<br>9 : 5 : –<br>14 : 9 10<br>18 : 15 : – 11<br>33 12<br>– : – : –<br>8 : 19 : 3<br>3 : 10 : 2 13 | 193 1 8 |
| 19 | Manora | Solution for Electric Lantern<br>Freight | £ – : – : –<br>£ – : 1 : 8 | – 1 8 |
| 26 | Pelican<br>Medical Conf | Steel fishplates – Overinvoiced | – 14 | 5 8 |
| Balance of Expenditure uninvoiced on 30th June 1885 | | | | 132 6 5 |
| | | | | £4196 17 10 |

India Office
10th July 1885
J.P.W.

E. K. Cave Browne
Dy Accountant General

B. No 1396 W. 15.6.85
" 1655 W. 15.7.85

Comm. to officers concerned.

C.D.
24.7.85

30.7.85

Rd 1148

Su. H.W. ✓
Gen. P.W.A. ✓

## Madras Harbour Works

STATEMENT of PAYMENTS made in ENGLAND on account of STORES and FREIGHT, and of INVOICES despatched to INDIA, during the Month of July 1885.

A Y 8025. 5 rms.—3/85. I. 2640.

STATEMENT OF PAYMENTS made in ENGLAND on account of STORES and FREIGHT — Madras Harbour Works
and of INVOICES despatched to INDIA, during the Month of July 1885 showing the BALANCE OF EXPENDITURE uninvoiced at the commencement and close of the Month.

ABSTRACT OF PAYMENTS.

| Date of Payment. | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|
| | | Balance of Expenditure uninvoiced on 30th June 1885 | | | | |
| 1885 June 13 | Troughton Simms | Transit theodolite | P.W. 17.10.84 | 10 | 45 | Sutlej |
| 16 | J. & E. Wright | Rope | " | 8 | 19 1 11 | " |
| | J. Brown & Co. | Steel Tyres | " | | 33 | |
| 20 | Buck Hickman | Augers, hammers &c. | " | | 21 14 6 | |
| 25 | G. W. Almond | Leathers for Pistons | " | 9 | 13 10 - | Sutlej |
| | | | | | 1326 5 | |
| July 6 | H. Barwell | Iron bolts &c. | " | 7 | 27 19 6 | " |
| 10 | Stothert & Pitt | Titan Crane | | 5 | 3021 | Harrogate |
| 16 | Dewrance & Co. | Hydraulic boiler tester | " | 2 | 9 5 - | Chusan |
| 18 | Stothert & Pitt | Steam Boiler | " | 1 | 60 | Pelican |
| 1 | Escombe Bros. & Co. | Freight | | 3 | 8 19 3 | Chusan |
| 7 | Gellatly Hankey & Co. | " | | 4 | 1 8 | Manora |
| 21 | Patent Shaft & Axletree Co. | Iron | " | | 66 9 8 | { Sutlej - - £66:9:9 11<br>{ Overinvoiced 14 |
| 23 | Nobls, Homan Hunt | Leather belting | Pr. 12.3.85 | | 18 17 - | |
| 25 | D. Brown, Son & Co. | Freight | | 6 | 315 6 - | Harrogate |
| 30 | Robins & Co. | Portland Cement | | 13 | 1147 10 - | Nuddea |
| 31 | Westwood Baillie & Co. | 10 Iron Cradles for Foundation Compressors | P.W. 17.10.84 | | 248 3 10 | { — " — £246:4:- |
| | Packing Charges | | | | 3 16 1 | |
| | | Balance Invoiced but not paid for on 31st July 1885 | | | 808 18 4 | |
| | | | | | £ 5868 12 9 | |

Total Debit for the Month £ 4927:8:-

ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | | | Amount. |
|---|---|---|---|---|---|
| | | Balance Invoiced but not paid for on 30th June 1885 | | | |
| 1885 May 27 | India | Iron Claw | | | 70 |
| June 5 | Pelican | 1 Boiler, & set of spare firebars | | 1 | 60 |
| 12 | Chusan | Boiler tester | £ 9:5:- | 2 | |
| | | Freight | 8:19:3 | 3 | 18 4 3 |
| 19 | Moanora | Freight | | 4 | 1 8 |
| | | | | | 148 5 11 |
| July 10 | Harrogate | 1 Titan Crane | £ 3021 | 5 | |
| | | Freight | 315:6:- | 6 | 3336 6 - |
| | Sutlej | Bolts rivets, washers | £ 27:19:6 | 7 | |
| | | Rope | 19:1:11 | 8 | |
| | | Leathers for pistons | 13:10:- | 9 | |
| | | Transit theodolite | 45 | 10 | |
| | | Iron | 66:9:9 | 11 | |
| | | Freight | 8:5:6 | | |
| | | Packing | 3:14:3 | 12 | 184 - 11 |
| 24 | Nuddea | Cement | £ 1147:10:- | 13 | |
| | | Blocks | -:-:- | | |
| | | Crossings | 94:12:- | | |
| | | Steel Switches &c. | 124:4:- | | |
| | | Iron Cr for Foundation Compressors | 246:4:- | | |
| | | Iron plates | 23:5:7 | | |
| | | Freight | 488:11:3 | | |
| | | Packing | -:1:10 | 12 | 2124 8 8 |
| | | Amount Overinvoiced per Sutlej | | 14 | 1 |
| | | Balance of Expenditure uninvoiced on 31st July 1885 | | | 75 11 4 |
| | | | | | £ 5868 12 9 |

India Office, }
14th August 1885 } A.C.W.

Cave Browne
Dy Accountant General

B. Dr. No 1396 W. 15.6.85
" " 1655 W. 15.7.85
" " 1827 W. 6.8.85

AC47096

(14)

Comd. to officers
Concerned.

C.B.
2.9.85

3.9.85

1. M. H.W. ✓
Secr. N.W.H. ✓
Desd.
12/9/85

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Madras Harbour Works

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of August 1885.

A Y 8025. 5 rms.—3/85. I. 2640.

Statement of Payments made in England on account of Stores and Freight – Madras Harbour Works
and of Invoices despatched to India, during the Month of August 1885, showing the Balance of Expenditure uninvoiced at the commencement and close of the Month.

ABSTRACT OF PAYMENTS.

| Date of Payment. | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|
| | Balance of Expenditure uninvoiced on 31st July 1885. | | | | | |
| 1885 June 16 | J. Brown & Co. | Steel types | P.W. 17.10.84 | | 33 | |
| 20 | Buck & Hickman | Augers, hammers &c. | | 10 | 21 14 6 | Cormorant |
| 23 | Nobes Homan & Hunt | Leather belting | P.W. 12.3.85 | 11 | 18 17 – | 〃 |
| 31 | Westwood Baillie & Co. | Iron Cradles for Foundation Compressors – balance. | P.W. 17.10.84 | | 1 19 10 | |
| | | | | | 75 11 4 | |
| Deduct. | Amount recovered from | Westwood Baillie & Co. – vide note below. | | | 1 19 10 | |
| | | | | | 73 11 6 | |
| Augt 4 | E. Corry | Iron | P.W. 17.10.84 | 4 | 23 5 7 | Nuddea |
| 6 | Robins & Co. | Portland Cement | P.W. 12.3.85 | 6 | 688 10 – | Goorkha |
| 8 | Anderston Foundry Co. | Switches, & Tongue Rails | P.W. 17.10.84 | 3 | 124 4 – | Nuddea |
| | Vickers Sons & Co. | Crossings | | 2 | 94 12 – | 〃 |
| 13 | Robins & Co. | Portland Cement | P.W. 12.3.85 | 12 | 1,721 5 – | Cormorant |
| | | | 〃 | 8 | 76 10 – | Rewa |
| 19 | Stothert & Pitt | Titan Crane | | | 3,021 | |
| 7 | Escombe Bros. | Freight | | 1 | 8 5 6 | Sutlej |
| 11 | Gellatly Hankey & Co. | 〃 | | 5 | 488 11 3 | Nuddea |
| 21 | G. B. Toms & Co. | Switches, crossings &c. | P.W. 17.10.84 | 9 | 235 10 – | Rewa |
| | P. & W. MacLellan | Plates for Titan Rods | 〃 | 16 | 634 2 7 | Clan Mackenzie |
| 22 | Robins & Co. | Portland Cement | P.W. 12.3.85 | | 191 5 – | |
| 27 | Ransomes & Rapier | Iron bars | P.W. 17.10.84 | 15 | 436 18 9 | Almora |
| 29 | Gellatly Hankey & Co. | Freight | | 7 | 277 6 10 | Goorkha |
| | 〃 | 〃 | | 13 | 694 19 7 | Cormorant |
| | Packing Charges | | | 14 | 13 – | |
| | Balance Invoiced but not paid for on 31st August 1885 | | | | £ 322 5 | |
| | | | | | £ 9,112 11 – | |

Debit for the Month - - - - - - £ 8,916 : 19 : 1
Deduct: Amount recovered from Westwood Baillie & Co.
being an overpayment made to them on 31st July vide above 1 : 19 : 10
Net Debit for the Month - - - £ 8,914 : 19 : 3

ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | | | Amount. |
|---|---|---|---|---|---|
| Balance Invoiced but not paid for on 31st July 1885. | | | | | |
| 1885 May 27 | Indus | 1 Iron Claw | | | 70 |
| July 10 | Sutlej | Freight | | 1 | 8 5 6 |
| 24 | Nuddea | Crossings | £ 94 : 12 : – | 2 | |
| | | Steel Switches &c. | 124 : 4 : – | 3 | |
| | | Iron Plates | 23 . 5 . 7 | 4 | |
| | | Freight | 488 : 11 : 3 | 5 | 730 12 10 |
| | | | | | 808 18 4 |
| Augt 7 | Goorkha | Portland Cement | £ 688 : 10 : – | 6 | |
| | | Freight | 277 : 6 : 10 | 7 | 965 16 10 |
| 14 | Rewa | Portland Cement | £ 76 : 10 : – | 8 | |
| | | Switches, Crossings &c. | 235 : 10 : – | 9 | |
| | | Freight | 42 : 15 : 1 | | 354 15 1 |
| 21 | Cormorant | Augers &c. | £ 21 : 14 : 6 | 10 | |
| | | Leather belting | 18 : 17 : – | 11 | |
| | | Cement | 1721 : 5 : – | 12 | |
| | | Freight | 695 : 7 : 2 | 13 + Bal.ce 7/7 | |
| | | Packing | – : 13 : – | 14 | 2457 16 8 |
| 28 | Almora | Iron bars | £ 436 : 18 : 9 | 15 | |
| | | Freight | 103 : 11 : 5 | | 540 10 2 |
| | Clan Mackenzie | Iron plates for Titan Rods | £ 634 : 2 : 7 | 16 | |
| | | Freight | £ 105 : 6 : 4 | | 739 8 11 |
| Balance of Expenditure uninvoiced on 31st August 1885 | | | | | 3245 5 – |
| | | | | | £ 9,112 11 – |

India Office,
11th Sept 1885

Accountant General

G.O.^s^ 2132 Wdy 12-9-85
" 1827 Wdy 6-8-85
" 1655 Wdy 15-7-85
" 1386 Wdy 15-6-85

(2)

Comd. to officers concerned.

Ord.
Ord. 1-85

5-10-85

Ida 21/10

Sec. P.W. ✓

Exr. P.W.A. ✓ Despd 12/.

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## Madras Harbour Works

STATEMENT of PAYMENTS made in ENGLAND on account of STORES and FREIGHT, and of INVOICES despatched to INDIA, during the Month of September 1885.

Statement of Payments made in England on account of Stores and Freight – *Madras Harbour Works* –
and of Invoices despatched to India, during the Month of *September* 1885, showing the Balance of Expenditure uninvoiced at the commencement and close of the Month.

## ABSTRACT OF PAYMENTS.

| Date of Payment. | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|
| | Balance of Expenditure uninvoiced on 31st August 1885 – | | | | | |
| 1885 June 16 | J. Brown & Co. | Steel tyres | P.W. 17.10.84. | | 33 . . | |
| Augt. 19 | Stothert & Pitt | Titan Crane | | 5 | 3.021 . . | Lamington |
| 22 | Robins & Co. | Portland cement | P.W. 12.3.85 | 7 | 191 5 . | Avocet |
| | | | | | 3.245 5 . | |
| Sept. 2 | Stothert & Pitt | Traversers | P.W. 17.10.84 | 5 | 76 . . | Lamington |
| | Gorman & Smith | Freight | | 2 | . 4 9 | Cormorant |
| 5 | Orr, Reddock & Co. | " | | 6 | 140 18 9 | Lamington |
| | Gellatly & Co. | " | | 3 | 103 11 5 | Almora |
| 8 | Cayzer Irvine & Co. | " | | 4 | 105 6 4 | Clan Mackenzie |
| 12 | Gellatly & Co. | " | | 1 | 42 15 1 | Rewa |
| 17 | Siebe, Gorman & Co. | Incandescent Electric lamps, cell battery &c. | | 8 | 28 5 . | Chusan (adv.) |
| 22 | " | Acid for electric lantern & battery | | | 3 9 . | |
| 26 | Stothert & Pitt | Set of Claws for lifting Concrete blocks | 17.10.84 | | 70 | |
| 29 | Fisher & Co. | Files | 12.3.85 | | 41 8 5 | |
| | Balance Invoiced but not paid for on 30th Sept. 1885 | | | | 77 . 9 | |
| | | | | | £3.934 7 4 | |

Total Debit for the Month £612 : 1 : 7

## ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | | Amount. |
|---|---|---|---|---|
| | Balance Invoiced but not paid for on 31st August 1885 – | | | |
| 1885 May 27 | Indus | 1 Iron claw | Vide Corr. below | 70 . . |
| Augt. 14 | Rewa | Freight | 1 | 42 15 1 |
| 21 | Cormorant | " | 2 | 7 7 |
| 28 | Almora | " | 3 | 103 11 5 |
| | Clan Mackenzie | " | 4 | 105 6 4 |
| | | | | 322 . 5 |
| Sept. 4 | Lamington | Titan crane & traversers £3097 . . .<br>Freight 140.18.9 | 5<br>6 | 3.237 18 9 |
| 11 | Avocet | Portland cement, £191.5.–<br>Freight 77. . 9 | 7 | 268 5 9 |
| | India (corr.) | Iron claws for lifting concrete blocks, invoiced in error, the same not being yet shipped. Deduct | | 70 |
| 28 | Chusan (adv.) | Submarine Electric Lamp &c. | 8 | 31 14 – |
| | Balance of Expenditure uninvoiced on 30th Sept 1885 | | | 144 8 5 |
| | | | | £3.934 7 4 |

India Office,
9th October 1885

A.C.W.
W.G.

Accountant General

No 2730 Wd/ Nov 14 [illegible]
B

Comd. to officers Concerned.

Dl. E. C.

I. M. H.W.
Sec. P.W.A.

Dealt 14/11/85

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Madras Harbour Works.

STATEMENT of PAYMENTS made in ENGLAND on account of STORES and FREIGHT, and of INVOICES despatched to INDIA, during the Month of October 1885.

Statement of Payments made in England on account of Stores and Freight - Madras Harbour Works -
and of Invoices despatched to India, during the Month of October 1885, showing the Balance of Expenditure uninvoiced at the commencement and close of the Month.

## ABSTRACT OF PAYMENTS.

| Date of Payment. | | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|---|
| 1885 | | Balance of Expenditure uninvoiced on 30th September 1885 | | | | | |
| June | 16 | J. Brown & Co. | Steel Types | Pr. 17.10.84 | | 33 | |
| Sept. | 26 | Stothert & Pitt | Set of Claws for lifting Concrete blocks | " | 5 | 70 | Pelican |
| | 29 | Fisher & Co. | Files | 12. 3. 85 | | 41 8 5 | |
| | | | | | | 144 8 5 | |
| Oct. | 1 | Ransomes & Rapier | Travelling Crane complete | | 4 | 3600 | Pelican |
| | 3 | Kendall & Gent | 1 Slotting Machine, 1 Drilling do., & 1 Lathe | Pr. 17.10.84 | 2 | 265 2 6 | Buteshire |
| | 2 | Gellatly Hankey & Co. | Freight | | 1 | 77 · 9 | Avocet |
| | 7 | Gosman & Smith | " | | 3 | 3 7 5 | Buteshire |
| | 9 | Stothert & Pitt | Extras for Titan Cranes & Lifting Claws | | 7 | 581 | Lamington Harrogate (adv'y) |
| | | Paymaster General | Making internal bindings to blocks &c. | " | | 2 7 3 | |
| | 12 | Gosman & Smith | Freight | | 6 | 370 4 9 | Pelican |
| | | Balance Invoiced but not paid for on 31st October 1885 | | | | 5 9 | |
| | | | | | | £5,043 16 10 | |

Total Debit for the Month £4899 : 2 : 8

## ABSTRACT OF INVOICES.

| Date of Invoice. | | Ship's Name. | Particulars. | | | Amount. |
|---|---|---|---|---|---|---|
| Balance Invoiced but not paid for on 30th September 1885 | | | | | | |
| 1885 Sept | 11 | Avocet | Freight | | 1 | 77 - 9 |
| | | | | | | 77 - 9 |
| Oct. | 2 | Buteshire | Lathe & 2 Machines | £265 : 2 : 6 | 2 | |
| | | | Freight | £3 : 7 : 5 | 3 | 268 9 11 |
| | 9 | Pelican | Travelling Crane | £3600 | 4 | |
| | | | Set of Iron Claws | 70 | 5 | |
| | | | Freight | 370 : 4 : 9 | 6 | 4040 4 9 |
| | | Lamington Harrogate (adv'y) | Extras for 2 Titan Cranes | | 7 | 581 |
| | 23 | Navarino | Bolts & nuts for Titan Cranes. Value included in Cost of Crane already Invoiced | £ - : - : - | | |
| | | | Freight | £ - : 5 : 9 | | - 5 9 |
| Balance of Expenditure uninvoiced on 31st Oct 1885 | | | | | | 76 15 8 |
| | | | | | | £5,043 16 10 |

India Office,
13th November 1885

H.R.
W.G.

Accountant General

Dec 1885

SECRETARY TO GOVT.
4 DEC 85
P.W. DEPARTMENT

Comd to officers concerned —

Comd to officers concerned.

4.12.85

S M W S

Desp. 7-12.85

R 11/12

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*Madras Harbour Works*

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of *November* 1885

A Y 8025. 5 rms.—3/85. I. 2640.

B/

Comd. to officers concerned.

31/12/85

4.1.86

S. M. H. works ✓

Exr. P. W. A. ✓

Jd

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Madras Harbour Works.

STATEMENT of PAYMENTS made in ENGLAND on account of STORES and FREIGHT, and of INVOICES despatched to INDIA, during the Month of December 1885.

A Y 8025. 5 rms.—3/85. I. 2640.

Comm. to officers concerned -

28/1/86

28.1.86

Madras Works.
Secy PWD.

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Madras Harbour Works -

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of January 1886.

A Y 8025. 5 rms.—3,85. I. 2640.

Nos 298W - 3-2-86.
28W - 5-1-86
2913W - 7-12-85
273bW - 16-11-85:

Rcd 4/3/86.

No. 600 W.d.f.

Comd. to officers
Concerned.

4/3/86

Supdt. Works

Exec. O. W.A.

8/3

393

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Madras Harbour Works

Statement of Payments made in England on account of Stores and Freight, and of Invoices despatched to India, during the Month of February 1886.

A Y 8025. 5 rms.—3/85. I. 2640.

STATEMENT OF PAYMENTS made in ENGLAND on account of STORES and FREIGHT – Madras Harbour Works. and of INVOICES despatched to INDIA, during the Month of February 1886, showing the BALANCE OF EXPENDITURE uninvoiced at the commencement and close of the Month.

ABSTRACT OF PAYMENTS.

| Date of Payment. | To whom paid. | Particulars. | No. and Date of Indent. | Amount. | Ship's Name. |
|---|---|---|---|---|---|
| | Balance of Expenditure uninvoiced on 31st January 1886 | | | | |
| 1885 Octr 9 | Paymaster General | Making internal bindings to Blocks &c. | P.W. 17.10.84 | 2 7 3 | |
| 1886 Jany 27 | Howell & Co. | Cast Steel | P.W. 14.8.85 7 | 10 7 9 | Pelican |
| 29 | H.C. Holcroft | Iron plates | " 9 | 1 18 4 | " |
| 31 | Nobes, Homan Hunt | Leather Laces | P.W. 15.10.85 | 3 - | |
| | | | | 14 16 4 | |
| Feby 1 | " | " | " | 10 2 | |
| | Burge & Barron | Portland Cement | " 3 | 115 3 6 | Manora |
| | " | " | " | 127 19 6 | Pelican |
| | " | " | " 12 | 159 19 5 | " |
| 4 | Tunnel Portland Cement Co. | " | " &3 | 178 15 - | Manora |
| | " | " | " 11 | 357 10 - | Pelican |
| 8 | Burge & Barron | " | " 12 | 76 15 9 | |
| | " | " | " 15 | 102 7 7 | Duke of Buccleuch |
| 11 | " | " | | 63 19 9 | " |
| | Siebe Gorman & Co. | Diving dresses | P.W. 4.11.85 1&5 | 34 4 - | Teutonia & addl |
| 13 | Burge & Barron | Portland Cement | P.W. 15.10.85 | 115 3 7 | Duke of Buccleuch |
| 18 | Tunnel Portland Cement Co. | " | 15 | 178 15 - | " |
| | " | " | " 6 | 268 2 6 | Navarino |
| | " | " | " | 268 2 6 | |
| 1 | J.R. Grant | Freight | 2 | 6 10 7 | Avocet |
| 20 | Gellatly Hankey & Co. | " | 4 | 192 5 11 | Manora |
| 26 | " | " | 13 | 292 12 1 | Pelican |
| 27 | J.R. Grant | " | | 2 14 2 | |
| 23 | E.F. Smith | Iron bars | Pr. 14.8.85 8 | 24 8 4 | " |
| | Burge & Barron | Portland Cement | Pr. 15.10.85 | 35 3 10 | Nuddea |
| | " | " | " 16 | 143 19 6 | " |
| 24 | " | " | " | 268 15 - | " |
| 26 | Tunnel Portland Cement Co. | " | " | 357 10 - | |
| | Buck & Hickman | Nails | " 10 | 6 7 6 | Pelican |
| | Packing Charges | | 14 | 17 - | |
| | Balance Invoiced but not paid for on 28th February 1886 | | | 767 2 4 | |
| | | | | £ 4160 10 10 | |

Total Debit for the Month £3.378:12:2

ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | Amount. |
|---|---|---|---|
| Balance Invoiced but not paid for on 31st January 1886 | | | |
| 1886 Jany 1 | Teutonia | Diving dresses 1 | 3 3 |
| 15 | Avocet | Freight 2 | 6 10 7 |
| 29 | Manora | Portland Cement £293:18:6 3<br>Freight 192:5:11 4 | 486 4 5 |
| | | | 525 15 - |
| Feby 5 | Teutonia (addl) | Tin Cases for Diving dresses 5 | 1 4 - |
| 12 | Navarino | Portland Cement £536:5:- 6<br>Freight 218:5:7 | 754 10 7 |
| | Pelican | Steel £10:7:9 7<br>Iron 24:8:4 8<br>" 1:18:4 9<br>Nails 6:7:6 10<br>Portland Cement 357:10:- 11<br>" 364:14:8 12<br>Freight 295:6:3 13<br>Packing 17:- 14 | 1061 9 10 |
| 19 | Duke of Buccleuch | Portland Cement £460:5:11 15<br>Freight 187:1:11 | 647 7 10 |
| 26 | Nuddea | Portland Cement £805:8:4 16<br>Diving dresses 34:4:-<br>Freight 327:10:10 | 1167 3 2 |
| Balance of Expenditure uninvoiced on 28th Feby 1886 | | | 3 - 5 |
| | | | £ 4.160 10 10 |

| | |
|---|---|
| 1655 w | 15.7.85 |
| 1827 w | 6.8.85 |
| 2132 w | 12.9.85 |
| 2395 w | 13.10.85 |
| 2736 w | 14.11.85 |
| 2913 w | 7.12.85 |
| 28 w | 5.1.86 |
| 298 w | 3.2.86 |
| 600 w | 6.3.86 |

3/3/86

Comd. to officers concerned.

31/3/86

De 3/4

I. W. H. Woods.
Secr. P.W.A.

31/3/86